In response to the Office Action dated March 2, 1999, please consider the following amendments:

IN THE CLAIMS:

Please amend the claims as follows:

1. (Amended) A process in a data processing system executing a routine having a plurality of paths, wherein the routine has includes a plurality of first type instructions and wherein the data processing system executes second type instructions, the process comprising:

identifying a path [within the routine that is] being executed, wherein the path is one of the plurality of paths in the routine and wherein a plurality of first type instructions are associated with the path; and

translating the first type instructions for the path being executed, wherein first type instructions are translated into second type instructions for execution by the data processing system, wherein first type instructions for unexecuted paths within the routine remain untranslated.

4. (Amended) A process in a data processing system for executing a method having a plurality of paths, wherein the data processing system executes native machine code, the process comprising:

identifying a path [within the method that is] being executed, wherein the path is one of the plurality of paths in the within the method and wherein a plurality of bytecodes are associated with the path; and

compiling bytecodes for the path being executed, wherein the bytecodes are compiled into native machine code executed by the data processing system, wherein bytecodes for unexecuted paths within the method remain uncompiled.